

## ABSTRACT

Methods, devices, and systems are provided in a multi-level computer architecture which provides improved capabilities for managing courseware and other content in a shared use operating environment such as a computer network. In particular, the invention provides a commercial networked instruction content delivery method and system which does not exclude synchronous sharing but is focused on asynchronous sharing. Security means in the architecture provide content property holders with the ability to know how many minutes of use an individual made of licensed material and with increased certainty that their material cannot be used, copied, or sold in usable form unless and until a user site is connected or reconnected to a minute-by-minute counter which is located off the premises of the user. This security link helps protect software and other works which are being sold or licensed to an individual, organization, or entity, and creates income opportunities for owners of such content.

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